



Practitioner's Docket No.: 791\_119 RCE

**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re the application of: Li YANG, Toshihiro YOSHIDA and Hiroshi NEMOTO

Ser. No.: 09/686,408

Art Unit: 1745

Filed: October 11, 2000

Examiner: Gregg Cantelmo

Confirmation No.: 6047

For: LITHIUM SECONDARY BATTERY

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

I hereby certify that this paper is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on March 3, 2004 under "EXPRESS MAIL" mailing label number EV 443367416 US.

  
Gina M. Husak

**INFORMATION DISCLOSURE STATEMENT**

Sir:

Pursuant to 37 C.F.R. §1.56, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached Form PTO-1449. Copies of each of the references listed on Form PTO-1449 are attached.

Also enclosed is a copy of a European Search Report bearing a mailing date of February 6, 2004 from a corresponding European patent application, and the U.S. PTO is directed thereto for a concise statement of possible relevance of the references cited therein.

In compliance with the concise explanation requirement under 37 CFR § 1.98(a)(3) for foreign language documents, reference AN corresponds to reference AF.

The above information is presented so that the Patent and Trademark Office may, in the first instance, determine any materiality thereof to the claimed invention. It is respectfully requested that the information be expressly considered during the prosecution of this application,

and that these references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

The Commissioner is hereby authorized to charge any additional fees associated with this communication or credit any overpayment to Deposit Account No. 50-1446.

Respectfully submitted,

March 3, 2004

Date



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Form PTO-1449

US DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

|       |   |    |   |                     |             |
|-------|---|----|---|---------------------|-------------|
| Sheet | 1 | of | 1 | Attorney Docket No. | 791_119 RCE |
|-------|---|----|---|---------------------|-------------|

**Complete if Known**

|                      |                  |
|----------------------|------------------|
| Application Number   | 09/686,408       |
| Filing Date          | October 11, 2000 |
| First Named Inventor | Li YANG          |
| Art Unit             | 1745             |
| Examiner Name        | Gregg Cantelmo   |
| Confirmation No.     | 6047             |

**U.S. PATENT DOCUMENTS**

| Exam. Initial |    | Document Number | Date     | Name            | Our Docket No. | Class | Sub Class | Filing Date |
|---------------|----|-----------------|----------|-----------------|----------------|-------|-----------|-------------|
|               | AE | 5,869,207       | 02/09/99 | Saidi et al.    |                |       |           | 12/09/96    |
|               | AF | 6,045,945       | 04/04/00 | Hamamoto et al. |                |       |           | 03/24/98    |
|               |    |                 |          |                 |                |       |           |             |

**FOREIGN PATENT DOCUMENTS**

|  |    | Document Number | Date       | Country | Class | Sub Class | Translation             | Abstract |
|--|----|-----------------|------------|---------|-------|-----------|-------------------------|----------|
|  | AG | JP 10-294129    | 11/4/1998  | JP      |       |           | JPO machine translation | X        |
|  | AH | EP 0785586      | 07/23/1997 | EP      |       |           |                         |          |
|  | AJ | 2001-68153      | 03/16/2001 | JP      |       |           | JPO machine translation | X        |
|  | AK | JP 05-315006    | 11/26/1993 | JP      |       |           | JPO machine translation | X        |
|  | AL | EP 0942485      | 09/15/1999 | EP      |       |           |                         |          |
|  | AM | EP 0603397      | 06/29/1994 | EP      |       |           |                         |          |
|  | AN | FR 2761531      | 10/2/1998  | FR      |       |           |                         |          |
|  | AO | WO 98/23536     | 06/4/1998  | WO      |       |           |                         |          |

**OTHER DOCUMENTS**

(Including Author, Title, Date, Pertinent Pages etc.)

|  |    |  |
|--|----|--|
|  | AI | "Challenge in manufacturing electrolyte solutions for lithium and lithium ion batteries quality control and minimizing contamination level," <i>Journal of Power Sources</i> , Elsevier, Vol. 81-82 (Sept. 1999) pp.119-122. |
|  |    |  |

Examiner:

Date Considered:

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



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**CERTIFICATION UNDER 37 C.F.R. § 1.97(e)**

Sir:

☒ Each item of information contained in the Information Disclosure Statement filed herewith was *first* cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement.

OR

☐ No item of information in the Information Disclosure Statement filed herewith was cited in a communication from a foreign patent office in a counterpart foreign application or, to my knowledge after making reasonable inquiry, was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this Information Disclosure Statement.

Respectfully submitted,

March 3, 2004

Date

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